

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit to Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO


LAKE OZARK SAND & GRAVEL, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements in the application, a permit is hereby granted to engage in surface mining of limestone, sand & gravel in the state of Missouri. The extent of the proposed mining operation(s) will be on 53 acres, more or less. The locations of the operation(s) under this permit is/are as follows: Renewal & Expansion

See Attached List

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 13th day of October 2004



DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0807
Effective Date 10/13/2004
Expiration Date 07/25/2005

Company Name LAKE OZARK SAND & GRAVEL

Permit Number 0807 Expiration Date – 07/25/2005



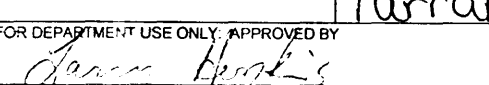
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JUL 20 2004

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND
RECLAMATION COMMISSION
P.O. BOX 76
JEFFERSON CITY, MO 65102-0076

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Lake Ozark Sand & Gravel, Inc.		DATE 7/16/2004	
ADDRESS 14 V Highway		CITY Eldon	STATE MO
CONTACT PERSON James Schupp		ZIP CODE 65026	
		TELEPHONE NUMBER (573) 964-0500	
CHECK ANY THAT APPLY: <input type="checkbox"/> New Permit <input type="checkbox"/> Permit Amendment <input type="checkbox"/> Permit Revision <input checked="" type="checkbox"/> Permit Expansion			
SITE NAME OR NUMBER		ACREAGE*	LOCATION: COUNTY, SECTION, TOWNSHIP, RANGE (EAST OR WEST)
1. Bailey (Deane Creek & Rollins Creek)		11	Miller, Section 17, T38N, R14W
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ATTACH ADDITIONAL SHEETS IF NECESSARY			
SIGNATURE OF APPLICANT 		TITLE president	DATE 7-19-04
Appeared before me this <u>19th</u> day of <u>July</u> , 20 <u>04</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSER	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Miller	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 19th DAY OF July YEAR 2004		
	NOTARY PUBLIC SIGNATURE Tarrah L. Vaughn	MY COMMISSION EXPIRES 4-2-07	USE RUBBER STAMP IN CLEAR AREA BELOW 
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Tarrah L. Vaughn		
FOR DEPARTMENT USE ONLY: APPROVED BY 		DATE APPROVED 10/13/04	PERMIT NUMBER 0877
		EXPIRATION DATE 07/25/05	

MO 780-1007 (12-02)

ATTACH FEES AND BONDING WORKSHEET

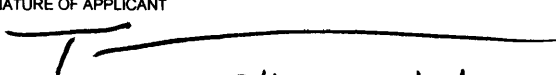
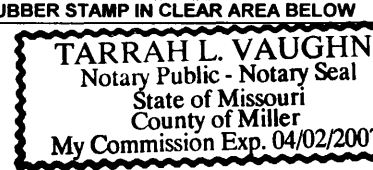
*Only the acres being added in this expansion are listed on this form; however, these are in-stream acres, so bonding and acreage fees are not required. Other sites (existing sites in Permit #0807) are shown on the Fees and Bonding Worksheet.

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND
RECLAMATION COMMISSION
P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Lake Ozark Sand & Gravel, Inc.		DATE 7/16/2004	
ADDRESS 14 V Highway		CITY Eldon	STATE MO
		ZIP CODE 65026	
CONTACT PERSON James Schupp		TELEPHONE NUMBER (573) 964-0500	
CHECK ANY THAT APPLY: <input type="checkbox"/> New Permit <input type="checkbox"/> Permit Amendment <input type="checkbox"/> Permit Revision <input checked="" type="checkbox"/> Permit Expansion			
SITE NAME OR NUMBER	ACREAGE*	LOCATION: COUNTY, SECTION, TOWNSHIP, RANGE (EAST OR WEST)	
1. Bailey (Deane Creek & Rollins Creek)	11	Miller, Section 17, T38N, R14W	
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ATTACH ADDITIONAL SHEETS IF NECESSARY			
SIGNATURE OF APPLICANT 		TITLE president	DATE 7-19-04
Appeared before me this <u>19th</u> day of <u>July</u> , 20 <u>04</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSER	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) Miller	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 19th DAY OF July YEAR 2004		USE RUBBER STAMP IN CLEAR AREA BELOW 
	NOTARY PUBLIC SIGNATURE Tarah L. Vaughn	MY COMMISSION EXPIRES 4-2-07	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Tarah L. Vaughn		
FOR DEPARTMENT USE ONLY: APPROVED BY		DATE APPROVED	PERMIT NUMBER
			EXPIRATION DATE

MO 780-1007 (12-02)

ATTACH FEES AND BONDING WORKSHEET

*Only the acres being added in this expansion are listed on this form; however, these are in-stream acres, so bonding and acreage fees are not required. Other sites (existing sites in Permit #0807) are shown on the Fees and Bonding Worksheet.

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MISSOURI LAND
RECLAMATION COMMISSION

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
**PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES
FEES AND BONDING WORKSHEET**

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Lake Ozark Sand & Gravel, Inc.		DATE 7/16/2004
FEES: COMPLETE SECTION I OR SECTION II		
SECTION I. FEES: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:		
1. To compute the site fee complete the columns and lines below:		
SITE NAME OR NUMBER* (add a separate sheet for additional sites)	Mark each month that the site will be operated during the Permit Year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. White Rock (Vaughn) Quarry (Site #0810)	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$300.00
2. Farm (Odle) Quarry (Site #1834)	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
3. Hicks	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$300.00
4. Yows	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
5. Duncan 1 (Site #0812)	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
6. Vaughn (Site #1545)	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
7. Duncan 2 (Site #1547)	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
8. Duncan 3 (Site #1548)	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
9. Niederb & Conners (Site #0811)	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
10. Bailey	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$150.00
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$0
TOTAL SITE FEE >		\$4,800 \$150.00 <i>2/4</i>
2. Acreage fee \$5 X	20 <i>2/4</i> number of acres bonded	\$100 <i>2/4</i>
3. Annual Permit Fee		\$500 <i>2/4</i>
4. Total Fee (Add totals from 1, 2 and 3)		\$2,400 <i>2/4</i> \$150.00
NOTE: If Total Fee exceeds \$2,500.00 then pay only		\$2,500
SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:		
1. Annual Permit Fee		\$300
III. BONDING - for all except in-stream mine sites		
A. For sand and gravel operators mining less than 5,000 tons per year:		
Number of new acres _____ X \$500 per acre		\$0
B. For ALL other open pit operations:		
Minimum per permit		\$8,000
Acreage over eight acres <u>12</u> X \$500 per acre		\$6,000
TOTAL BONDING REQUIRED		\$14,000
X Check here if adequate bonding is already posted.		

MO 780-1007 (12-02)

*Expansion is only applicable to the Bailey site (In-Stream—so additional bonding not required). Fees were attached to the Permit Renewal form, so only the additional \$150 fee for the new site is enclosed.

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION

MISSOURI LAND
RECLAMATION COMMISSION

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

Complete this form for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER Bailey site		PERMIT NUMBER 0807
COMPANY Lake Ozark Sand & Gravel, Inc.		
COUNTY Miller	1/4 SECTION Part of NW1/4 & SW1/4	SECTION 17
TOWNSHIP 38N	RANGE 14W	ACRES 11
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) Deane Creek and Rollins Creek		
MINERAL COMMODITY Sand/Gravel		ESTIMATED TONS/YEAR (GRAVEL SITES) More than 5,000 tons

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Danny D. Bailey		
ADDRESS 24758 Gottschalk Road		
CITY Sedalia	STATE MO	ZIP CODE 65301
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT 7/12/2004
		<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same as Landowner.		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT
		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)4

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

TYPE OF PLAN (CHECK ONE):	<input type="checkbox"/> SHORT TERM, FOR ONE PERMIT YEAR	COMPANY NAME
	<input checked="" type="checkbox"/> LONG TERM, FOR PERIOD THROUGH DATE: 7/25/2009	Lake Ozark Sand & Gravel, Inc.
DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.		

The sand and gravel removal area includes one gravel bar north of Highway C in Deane Creek, one gravel bar south of Highway C in Deane Creek, and one gravel bar southeast of Highway C in Rollins Creek. Both creeks are bordered by pasture and woodlands. The banks are moderate to low slope but well vegetated. Water quality in the creeks is good. The exposed portion of the gravel bars to be mined is loosely packed and contains little annual vegetation. There is already an access road to the gravel bars.

DESCRIBE METHODS TO RESTRICT DAMAGE TO STREAM BANKS OR STREAM BANK VEGETATION.

Excavations between the stream banks will be managed such that water flow is not redirected toward the stream banks. An undisturbed buffer of 20' will be maintained between the gravel removal areas and the permanent bank vegetation where the stream bed is greater than 50' wide. Where the stream bed is less than 50' wide, an undisturbed buffer of 5' - 15' will be maintained. In either case, there will be no damage to the permanent vegetation of the stream bank.

DESCRIBE METHODS USED TO MINIMIZE IMPACTS ON THE STREAM ENVIRONMENTS, CONFINING ACTIVE MINING OPERATIONS TO THE GRAVEL BARS RATHER THAN FLOWING WATER AND RESTRICTING HAUL ROADS THROUGH FLOWING WATER.

Gravel will be removed from the top of the gravel bar to a depth no deeper than the normal water level and gravel removal will be restricted to the exposed portions of the gravel bar. This will avoid causing erosion of the stream bank and channel at the mining site and upstream (head-cutting). If water is noticed in the tracks of our equipment, we will not remove gravel any deeper. Although access to the gravel bar already exists, we will access the gravel bar where no vehicles will cross in water.

PERMIT NUMBER	0807	SITE NUMBER AND/OR NAME	Bailey site
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MO 780-1334 (12-02)

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RECLAMATION COMMISSION

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES OR OTHER INFORMATION.

Gravel removal will be restricted to periods of low flow. There will be no destruction of streamside vegetation. A buffer strip of undisturbed gravel will be left between the excavation and the flowing portion of the stream.

By my signature, I attest to the following:

- 1) All statements made in this Stream Protection Plan form are correct, complete and true to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to protect the stream environment and remove sand and gravel in accordance with this plan, and in accordance with The Land Reclamation Act, Sections 444.760 through 444.790, RSMo (Supp. 2001), and all rules, regulations, orders, decisions, and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operation.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT ▶ 		TITLE president	DATE 7-19-04
NOTARY PUBLIC EMBOSSEY OR BLACK INK RUBBER STAMP SEAL	STATE Missouri		COUNTY (OR CITY OF ST. LOUIS) Miller
	SUBSCRIBED AND SWORN BEFORE ME, THIS 19th DAY OF July YEAR 2004		USE RUBBER STAMP IN CLEAR AREA BELOW. <div style="border: 2px solid black; padding: 5px; margin: 10px auto; width: 80%;"> TARRAH L. VAUGHN Notary Public - Notary Seal State of Missouri County of Miller My Commission Exp. 04/02/2007 </div>
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES 4-2-07	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Tarrah L. Vaughn		
FOR DEPARTMENT USE ONLY			
APPROVED BY ▶		DATE APPROVED	PERMIT NUMBER
PERMIT NUMBER 0807		SITE NUMBER AND/OR NAME Bailey site	

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RECLAMATION COMMISSION



North

Scale: 1" = 3,520'

Prepared by:

Curtis Heider, EEC

7/15/2004

Section 17

TOWNSHIP 38N • RANGE 14W

SEE PAGE 23

Miller County

Union

Church

Chickory

Paul

Life

Est.

100

118

94

40

32

80

63

20

120

153

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349

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LAKE OZARK SAND & GRAVEL, INC.
Bailey Site, Permit #0807
Detail Map



Scale: 1" = 655' North
S17, T38N, R14W, Miller County

Property Owner/Mining Rights
Owner: Danny D. Bailey
Adjacent Property Owner to
west: Pauline Bunger
Adjacent Property Owner to
south: Dennis Cramer
Adjacent Property Owner to
east: Oscar Pemberton

Map prepared by: Curtis
Heider, EEC on 7/15/2004

KEY

- Stream Protection Plan Area ☐
- Property Line ☐

